

## SUBCOMMITTEE ON READINESS EN BLOC #1

| LOG ID | REV | MEMBER              | MARKUP LOC | DESCRIPTION   | MARKUP ACT |
|--------|-----|---------------------|------------|---|------------|
| 3746   | 1   | Finstad, Brad       | RDY        | Amends the SAF Pilot Program from FY23 to ensure the GREET Model is used to measure greenhouse gas emissions reductions under the program, promoting increased accuracy in measurements and preventing the categorical exclusion of domestic, agricultural biofuels from the program. | EB 1       |
| 3755   | 0   | Houlahan, Chrissy   | RDY        | DoD is currently required by statute to perform threat informed risk assessments, namely blackstarts, through 2027. We propose extending threat informed risk assessment requirements through 2032.   | EB 1       |
| 3782   | 1   | McCormick, Richard  | RDY        | Aviation Training and Simulations in Degraded Visual Environments   | EB 1       |
| 3788   | 0   | DesJarlais, Scott   | RDY        | Increases the threshold for the Defense Laboratory Modernization Program from \$150M to \$300M and makes small changes to notification requirements.  | EB 1       |
| 3814   | 0   | Davis, Donald G.    | RDY        | The language would create a pilot program through the Combat Training Directorate to ensure all troops at Army "school houses" are training on all expeditionary basing systems, including fueling, shelter, and feeding. The program will help improve combat readiness.             | EB 1       |
| 3826   | 1   | Bergman, Jack       | RDY        | Report on Corrosion Mitigation Plan for F-18 Aircraft   | EB 1       |
| 3830   | 0   | Waltz, Michael      | RDY        | Expands the Military Installation Resilience Reviews program to include Coast Guard stations  | EB 1       |
| 3835   | 1   | Bergman, Jack       | RDY        | Within one year the Secretary shall carry out a pilot program to install propane-powered generators at a qualified domestic defense industrial base facility.   | EB 1       |
| 3841   | 0   | Jackson (TX), Ronny | RDY        | Require an update on the construction of the CDC at Sheppard AFB.   | EB 1       |
| 3853   | 3   | Horsford, Steven    | RDY        | Report on Air Force efforts to privatize lodging and the impacts it will have on the civilian workforce.  | EB 1       |
| 3855   | 1   | Bacon, Don          | RDY        | Directs the Assistant Secretary of the Air Force to provide a briefing on digital aircraft maintenance management software  | EB 1       |
| 3858   | 0   | Houlahan, Chrissy   | RDY        | Adjust reporting date for 10 U.S.C. §2920, "Energy resilience and energy security measures on military installations" from 2029 to 2027 and directing a status update briefing within by June 30, 2025.   | EB 1       |
| 3872   | 1   | McClain, Lisa C.    | RDY        | Directs the Secretary of the Air Force to develop an eXtended Reality (XR) investment and deployment strategy and brief the congressional defense committees.   | EB 1       |

| LOG ID | REV | MEMBER               | MARKUP LOC | DESCRIPTION  | MARKUP ACT |
|--------|-----|----------------------|------------|--|------------|
| 3879   | 1   | Carbajal, Salud O.   | RDY        | Directs the DoD to create a tool for servicemembers and their families to compare and rate military housing options to provide transparency on living conditions.  | EB 1       |
| 3885   | 2   | Strickland, Marilyn  | RDY        | Report on Stormwater Mitigation Technologies   | EB 1       |
| 3889   | 1   | LaLota, Nick         | RDY        | Clarifies Wounded Warrior Service Dog Program Grant process. The WWSDP program is intended to be a competitive grant program, where DOD provides grants directly to nonprofit organizations whose primary function is raising, training, and providing service dogs.           | EB 1       |
| 3892   | 2   | Waltz, Michael       | RDY        | Army's plan to engage in prototyping efforts and other research and development activities to integrate electrolyte safety additive nanotechnology into battery-electric ground vehicle systems.   | EB 1       |
| 3902   | 1   | Kiggans, Jennifer A. | RDY        | Amends Sec. 2805 of the Chairman's mark to clarify that funds are authorized to be used for flood mitigation, stormwater runoff, and projects at installations on or around tidal waters.  | EB 1       |
| 3908   | 1   | Jackson (TX), Ronny  | RDY        | Directs a briefing on the plan for improving the facilities at Naval Air Station Corpus Christi  | EB 1       |
| 3912   | 1   | Wittman, Robert      | RDY        | DRL. Dry Decontamination Capabilities to Support Arctic Strategy. Orders a briefing to HASC from the Sec Def on the Department's strategy and plans for developing dry or water-less decontamination requirements and fielding capabilities into the force.                    | EB 1       |
| 3914   | 2   | Wittman, Robert      | RDY        | DRL. Army Data Platform 2.0. Directs the Secretary of the Army to provide a briefing on the Army's transition from the Army Vantage program to the Army Data Platform 2.0 with its emphasis on a multi-vendor approach.  | EB 1       |
| 3915   | 1   | Wittman, Robert      | RDY        | DRL. Trusted Workforce Solutions for Clearance Process. Directs a briefing from Sec Def on business process reforms required to improve the security clearance processing backlog in the Department of Defense.  | EB 1       |
| 3922   | 1   | Bergman, Jack        | RDY        | Flightline Support Equipment Connectivity DRL  | EB 1       |
| 3925   | 1   | Keating, William R.  | RDY        | This would direct the Assistant Secretary of Defense for Energy, Installations, and Environment to provide a briefing on remediation plans for the formerly used defense site at Tom Nevers Naval Station.   | EB 1       |
| 3951   | 2   | Kelly, Trent         | RDY        | Directs the Secretary of the Navy to provide the Committee with a briefing detailing the Navy's plan to prioritize the replacement of low-performing, costly, legacy small arms simulation systems with advanced human performance-based small arms synthetic training systems | EB 1       |
| 3954   | 2   | Turner, Michael      | RDY        | Report on Increasing Small and Micro Nuclear Reactors in Operational and Installation Energy Consumption   | EB 1       |

| LOG ID | REV | MEMBER              | MARKUP LOC | DESCRIPTION   | MARKUP ACT |
|--------|-----|---------------------|------------|---|------------|
| 3956   | 2   | Kelly, Trent        | RDY        | Directs the Secretary of the Army to provide a briefing on costs and degraded readiness resulting from improperly stored equipment.   | EB 1       |
| 3968   | 2   | Scott, Austin       | RDY        | DRL: Directs the Secretary of Defense to provide a brief on suggested changes to title 10 to ensure the Department of Defense is prepared for Simultaneous Combat Against Peer Competitors in Multiple Theaters.  | EB 1       |
| 3986   | 3   | McClain, Lisa C.    | RDY        | Briefing from the Assistant Secretary of Defense for Energy, Installations, and Environment on currently available methods for the destruction or disposal of AFFF and other materials containing PFAS.   | EB 1       |
| 3990   | 3   | Panetta, Jimmy      | RDY        | Reviews DODI 4715.23 for the purpose of enabling electronic recycling on appropriate U.S. bases to generate increased revenue for installation operations.  | EB 1       |
| 3994   | 3   | Panetta, Jimmy      | RDY        | Requires a report on the benefits of using regenerative agriculture methods through enhanced used leases on military installations.   | EB 1       |
| 4003   | 1   | Luttrell, Morgan    | RDY        | Report on chemical substances undergoing risk evaluation by the Environmental Protection Agency under the Toxic Substances Control Act  | EB 1       |
| 4006   | 1   | Lamborn, Doug       | RDY        | Directs DoD to report on efforts to remediate drinking water supplies contaminated with per- and polyfluoroalkyl substances which are attributable to the Department of Defense.  | EB 1       |
| 4011   | 1   | Khanna, Ro          | RDY        | Would require a study on indoor vertical farming on military installations.   | EB 1       |
| 4018   | 3   | Alford, Mark        | RDY        | F-16 Taiwan Refueling Logistics Briefing  | EB 1       |
| 4020   | 2   | Lamborn, Doug       | RDY        | Requires the Navy to provide a briefing to the committee on areas in which the naval ship construction and maintenance enterprise can leverage the mining equipment industry's advanced processes, techniques and equipment to increase efficiency and lower costs. | EB 1       |
| 4048   | 0   | Keating, William R. | RDY        | Limitation on availability of funds for chiller class projects of the Department of the Air Force under a non-competitive justification and approval until the Secretary of Defense reports on and certifies the continued need for the J&A.                        | EB 1       |
| 4059   | 2   | Stefanik, Elise     | RDY        | This language requires the USAF to consolidate landing gear systems under the AFSC.   | EB 1       |
| 4072   | 1   | Moylan, Jim         | RDY        | DRL Regarding Department of the Air Force policies to procure A&E services  | EB 1       |

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|--------|-----|------------------------|------------|---|------------|
| 4078   | 2   | Luttrell, Morgan       | RDY        | Polyfluoroalkyl Substance Detection and Remediation Research  | EB 1       |
| 4095   | 1   | Jacobs, Sara           | RDY        | This amendment would limit funds for travel by the Office of Secretary of Defense until the Secretary implements the military housing complaint database required under section 2894a of title 10, USC.               | EB 1       |
| 4097   | 2   | McClellan, Jennifer L. | RDY        | Requires a briefing on the progress of Army Training Information Systems (ATIS) implementation.   | EB 1       |
| 4106   | 1   | Jacobs, Sara           | RDY        | Report on the Effects of Cross-Border Pollution in the Tijuana River Valley and Pacific Ocean on Naval Operations.  | EB 1       |
| 4107   | 3   | Kelly, Trent           | RDY        | Quality of Life Consideration in Selection of Construction Design and Methods   | EB 1       |
| 4111   | 1   | Gooden, Lance          | RDY        | This amendment requests a briefing to understand the full impact modernization efforts have had on the quality of life for the over 10,000 servicemembers and their families stationed at Al Udeid Air Base in Qatar. | EB 1       |

**AMENDMENT TO H.R. 2670**  
**OFFERED BY MR. FINSTAD OF MINNESOTA**

At the appropriate place in title III, insert the following new section:

1 **SEC. 3 \_\_\_\_ . MODIFICATIONS TO PILOT PROGRAM ON USE OF**  
2 **SUSTAINABLE AVIATION FUEL.**

3 Section 324(g) of the National Defense Authorization  
4 Act for Fiscal Year 2023 is amended by striking para-  
5 graph (2) and inserting the following new paragraphs:

6 “(2) The term ‘applicable material’ means the  
7 following:

8 “(A) Monoglycerides, diglycerides, and  
9 triglycerides.

10 “(B) Free fatty acids.

11 “(C) Fatty acid esters.

12 “(D) Municipal solid waste.

13 “(E) Renewable natural gas.

14 “(3) The term ‘biomass’ has the meaning given  
15 such term in section 45K(c)(3) of the Internal Rev-  
16 enue Code of 1986.

17 “(4) The term ‘lifecycle greenhouse gas emis-  
18 sions reduction percentage’ means, with respect to  
19 non-petroleum-based jet fuel, the percentage reduc-

1       tion in lifecycle greenhouse gas emissions achieved  
2       by such fuel as compared with petroleum-based jet  
3       fuel, as determined using the following:

4               “(A) The most up-to-date Carbon Offset-  
5               ting and Reduction Scheme for International  
6               Aviation which has been adopted by the Inter-  
7               national Civil Aviation Organization with the  
8               agreement of the United States.

9               “(B) The most up-to-date determinations  
10              under the model known as the ‘Greenhouse  
11              gases, Regulated Emissions, and Energy use in  
12              Technologies’ model developed by Argonne Na-  
13              tional Laboratory.

14             “(5) The term ‘sustainable aviation fuel’ means  
15             the portion of liquid fuel that is not kerosene and  
16             that—

17               “(A) meets the requirements of—

18                   “(i) ASTM International Standard  
19                   D7566; or

20                   “(ii) the Fischer Tropsch provisions of  
21                   ASTM International Standard D1655,  
22                   Annex A1;

23               “(B) is not derived from coprocessing an  
24               applicable material (or materials derived from

1 an applicable material) with a feedstock which  
2 is not biomass;

3 “(C) is not derived from palm fatty acid  
4 distillates or petroleum; and

5 “(D) has a lifecycle greenhouse gas emis-  
6 sions reduction percentage of at least 50 per-  
7 cent.”.



**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. HOULAHAN OF PENNSYLVANIA**

At the appropriate place in title III, insert the following:

1 **SEC. 3 \_\_\_\_ . EXTENSION OF REQUIREMENT TO ESTABLISH A**  
2 **SCHEDULE OF BLACK START EXERCISES TO**  
3 **ASSESS THE ENERGY RESILIENCE AND EN-**  
4 **ERGY SECURITY OF MILITARY INSTALLA-**  
5 **TIONS.**

6 Section 2920(d)(2)(C)(ii) of title 10, United States  
7 Code, is amended by striking “2027” and inserting  
8 “2032”.





## **Amendment to H.R. 8070**

### **Offered by: Mr. McCormick**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Aviation Training and Simulations in Degraded Visual Environments**

The committee is concerned about recent increases in the rate of military aircraft accidents and incidents. The committee further recognizes that proficiency in operating complex aircraft in degraded visual environments (DVE) has atrophied in recent years.

The committee understands that DVE accidents are most often caused due to improper flight control inputs by the pilot when confusion between the vestibular (inner ear) and the proprioceptive (seat of the pants) systems conflict with visual cues. While simulators are the primary DVE training modality, they often cannot induce spatial disorientation due to the lack of sustained vestibular inputs.

The committee is aware that emerging technology exists to induce simulated spatial disorientation safely during live aircraft flight training. Therefore, the committee directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services by March 1, 2025 on how combining simulation with live training could mitigate aircraft incidents and accidents that stem from pilot special disorientation.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. DESJARLAIS OF TENNESSEE**

Insert at the appropriate place in subtitle A of title  
XXVIII the following new section:

1 **SEC. 28\_\_.** **AMENDMENTS TO DEFENSE LABORATORY**  
2 **MODERNIZATION PROGRAM.**

3 Section 2805(g) of title 10, United States Code, is  
4 amended—

5 (1) in paragraph (5), by striking  
6 “\$150,000,000” and inserting “\$300,000,000”; and

7 (2) in paragraph (6)(B), by striking  
8 “\$1,000,0000” and inserting “\$4,000,0000”.



**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. DAVIS OF NORTH CAROLINA**

At the appropriate place in title X, insert the following:

1 **SEC. 10 \_\_\_\_ . PILOT PROGRAM ON ARMY READINESS IN CON-**  
2 **TESTED LOGISTICS ENVIRONMENTS.**

3 (a) IN GENERAL.—Beginning not later than 180  
4 days after the date of the enactment of this Act, the Sec-  
5 retary of the Army, in coordination with the Combine  
6 Arms Center of the United States Army Training and  
7 Doctrine Command, shall carry out a pilot program de-  
8 signed to enhance the overall readiness of the Army in  
9 a contested logistics environment.

10 (b) REQUIREMENTS.—Under the pilot program re-  
11 quired by subsection (a), the Secretary shall—

12 (1) encourage the acquisition of commercially  
13 available equipment and services in order to provide  
14 efficient and effective life support on expeditionary  
15 bases; and

16 (2) demonstrate the effectiveness of the pilot  
17 program in simulated environments at multiple com-  
18 bat training centers, including—

19 (A) the National Training Center;

1 (B) the Joint Readiness Training Center;

2 or

3 (C) the Joint Multinational Readiness Cen-

4 ter.

5 (c) REPORT.—Not later than one year after the date  
6 of the enactment of this Act, and annually thereafter until  
7 the termination of the pilot program under subsection (d),  
8 the Secretary shall submit to the congressional defense  
9 committees a report on the findings of the pilot program.  
10 Each such report shall include, for the year covered by  
11 the report, an identification of—

12 (1) skills that the combined force needs to de-  
13 velop and maintain to enable the efficient and effec-  
14 tive deployment of life support systems;

15 (2) commercially-available equipment that has  
16 proven effective in simulated combat and contested  
17 environments; and

18 (3) progress made in equipping training and de-  
19 ploying units with technologies, items, and skills  
20 shown to be effective under the pilot program.

21 (d) SUNSET.—The authorities to carry out a pilot  
22 program under this section shall terminate on the date  
23 that is ten years after the date of the enactment of this  
24 Act.



## **Amendment to H.R. 8070**

### **Offered by: Mr. Bergman**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Corrosion Mitigation Plan for F/A-18 Aircraft**

The committee recognizes the critical importance of the F/A-18 aircraft to the naval aviation fleet and the necessity of maintaining these assets to ensure their operational viability through 2045. The longevity and effectiveness of these aircraft are significantly impacted by the pervasive challenges of corrosion, which can lead to increased maintenance costs, reduced aircraft availability, and potential safety hazards.

The preservation of the F/A-18 fleet is essential to maintaining combat readiness and fulfilling strategic objectives, particularly in the face of evolving global threats and the extended service life of these aircraft. Corrosion control and mitigation are vital for sustaining the operational integrity and prolonging the lifespan of the F/A-18 fleet.

Therefore, the committee directs the Secretary of the Navy to submit a briefing to the House Committee on Armed Services not later than March 1, 2025, on the Navy's plans and strategies for preventing and mitigating corrosion on the F/A-18 aircraft. At a minimum, the report should address the following elements:

- (1) a detailed assessment of the current state of corrosion on the F/A-18 fleet, including an evaluation of the impact of corrosion on aircraft readiness, maintenance costs, and safety;
- (2) a comprehensive review of current corrosion prevention and mitigation strategies employed for the F/A-18 aircraft, including the effectiveness of these strategies and any identified gaps or challenges;
- (3) an overview of new technologies, materials, and processes being considered or developed to improve corrosion control on the F/A-18 aircraft, tactical rinse systems, and the potential benefits of these advancements;
- (4) an assessment of the training and resources required to implement effective corrosion control measures, including the potential need for additional personnel or expertise; and
- (5) a detailed plan by location on the effectiveness of corrosion control measures, including metrics for success and needed equipment, training, and resources to improve corrosion mitigation.



**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. BERGMAN OF MICHIGAN**

At the appropriate place in title III, insert the following:

1 **SEC. 3 \_\_\_\_ . PILOT PROGRAM TO INSTALL PROPANE-POW-**  
2 **ERED GENERATORS AT A DOMESTIC DE-**  
3 **FENSE INDUSTRIAL BASE FACILITY.**

4 (a) PROGRAM REQUIRED.—Not later than one year  
5 after the date of the enactment of this Act, the Assistant  
6 Secretary of Defense for Energy, Installations and the En-  
7 vironment shall carry out a pilot program under which the  
8 Assistant Secretary shall install propane-powered genera-  
9 tors at an organic industrial base facility. Under the pilot  
10 program, such generators shall—

11 (1) be used in tandem with an on-site microgrid  
12 in order to improve the resiliency and redundancy of  
13 power generation at the facility; and

14 (2) be powered by conventional or renewable  
15 propane

16 (b) DEFINITIONS.—In this section:

17 (1) The term “microgrid” has the meaning  
18 given such term in section 641(b)(6) of the United

1 States Energy Storage Competitiveness Act of 2007  
2 (42 U.S.C. 17231(b)(6)).

3 (2) The term “propane” has the meaning given  
4 such term in section 3(6) of the Propane Education  
5 and Research Act of 1006 (15 U.S.C. 6402(6)).

6 (c) TERMINATION.—The authority to carry out the  
7 pilot program under this section shall terminate on the  
8 date that is five years after the date of the enactment of  
9 this Act.





**Amendment to H.R. 8070**  
**National Defense Authorization Act for Fiscal Year 2025**

**Offered by: Mr. Jackson of Texas**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

Update on Child Development Center Construction at Sheppard Air Force Base

The military construction project for a new Child Development Center (CDC) at Sheppard Air Force Base, Wichita Falls, Texas, was authorized by the National Defense Authorization Act for Fiscal Year 2022 (Public Law 117-81) and subsequently appropriated through the Consolidated Appropriations Act, 2022 (Public Law 117-103). The committee is aware that the project was paused during site preparation due to asbestos contamination from previously demolished structures that were buried underneath the site for the new CDC, however the committee believes it is important that construction is resumed as expeditiously as possible.

In order to ensure adequate resourcing and a quick resumption of construction for the new CDC at Sheppard Air Force Base, the committee directs the Secretary of the Air Force to provide a briefing to the House Committee on Armed Services not later than January 1, 2025, on the status of construction for the new CDC at Sheppard Air Force Base. This briefing should include the following information:

- (1) plans for area remediation and the expected construction resumption date;
- (2) a detailed cost analysis for remediation, including cost estimates provided by private contractors and military personnel;
- (3) a timeline for the project beginning with the authorization provided in Public Law 117-81 and with detailed descriptions for what actions were taken during the delay to mitigate impact and expedite resumption of construction;
- (4) the impact that the construction delays had on childcare at Sheppard Air Force Base and in the Wichita Falls community; and
- (5) any additional concerns for Sheppard Air Force base and their future military construction projects.

## **AMENDMENT TO H.R. 8070**

### **OFFERED BY MR. HORSFORD**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### *Air Force Lodging Privatization Workforce Impacts*

The Committee notes that the Air Force is in the early stages of privatizing its lodging. The committee directs the Secretary of the Air Force to provide a briefing to the House Committee on Armed Services by February 1, 2025, on the Air Force's efforts to address impacts on civilian workforce. The briefing should include:

- (1) detailed plans for the privatization of all transient housing under the jurisdiction of the Secretary;
- (2) an estimate on the impact that such privatization will have on employment at transient housing;
- (3) a description of what measures will be taken to minimize job losses among current transient housing employees; and
- (4) timelines for conveyances and other critical milestones.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Bacon of Nebraska**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Cloud-Optional Digital Aircraft Maintenance Management Capability**

The committee is aware of Department of the Air Force efforts to use commercially-available technology to deploy a mobile, cloud-optional digital “greenbook” to manage aircraft maintenance requirements, readiness workflow tracking, and sortie management for the RC-135 and WC-135 reconnaissance aircraft fleets. The committee supports the modernization of aircraft maintenance processes to improve fleet readiness and to facilitate deployed operations in remote and austere environments under the Air Force’s Agile Combat Employment concept.

Therefore, the committee directs the Assistant Secretary of the Air Force for Acquisition, Technology, and Logistics to provide a briefing to the House Committee on Armed Services not later than February 1, 2025, on the following:

(1) an assessment of the effectiveness and operational impact of cloud-optional digital greenbook capability for RC-135 and WC-135 aircraft maintenance and fleet availability;

(2) an assessment of potential options to develop, integrate, deploy, and sustain similar commercial cloud-optional digital greenbook capabilities to other aircraft across the Big Safari portfolio of programs; and

(3) Department of the Air Force views and recommendations on potential acquisition pathways to incorporate similar commercially-available solutions into existing Air Force aircraft fleet maintenance programs.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. HOULAHAN OF PENNSYLVANIA**

At the appropriate place in title III, insert the following:

1 **SEC. 3 \_\_\_\_ . CHANGE IN TIMEFRAME FOR REPORT ON ABIL-**  
2 **ITY OF DEPARTMENT OF DEFENSE TO MEET**  
3 **REQUIREMENTS FOR ENERGY RESILIENCE**  
4 **AND ENERGY SECURITY MEASURES ON MILI-**  
5 **TARY INSTALLATIONS.**

6 (a) **IN GENERAL.**—Section 2920(g) of title 10,  
7 United States Code, is amended by striking “2029” and  
8 inserting “2027”.

9 (b) **BRIEFING REQUIREMENT.**—Not later than June  
10 30, 2025, the Secretary of Defense shall provide to the  
11 congressional defense committees a briefing on the  
12 progress of the Secretary in meeting the requirements  
13 under section 2920(a) of title 10, United States Code.



## **Amendment to H.R. 8070**

**Offered by: Mrs. McClain**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **U.S. Department of the Air Force Extended Reality Development Strategy**

The committee supports the Department of the Air Force's efforts to reduce redundant and inefficient information technology (IT) spending by focusing on portfolio realignment, system optimization, and better policy and governance alignment across the enterprise. While the committee applauds a renewed enterprise focus on standardization and consolidation, it also recognizes the unique subset of challenges in aligning operational training and foundational training IT investments in the rapidly evolving eXtended Reality (XR) training landscape – where Virtual Reality enables a fully immersive training environment and Augmented Reality and Mixed Reality provide a digital layer on the physical world.

Therefore, the committee directs the Secretary of the Air Force to provide a briefing to House Committee on Armed Services by March 1, 2025, on the development of an XR investment and deployment strategy and options to standardize and centralize XR efforts across the Department of the Air Force. At a minimum, the briefing shall include:

- (1) options for consolidating the XR content and delivery ecosystem;
- (2) recommendations to better align operational training IT platforms, including assessing the placement of these training platforms under the purview of the Office of the Deputy Chief of Staff for Logistics, Engineering & Force Protection, and those under the authority of the Air Education and Training Command;
- (3) plans for utilizing an XR-optimized centralized digital hub;
- (4) standards and protocols to increase security and interoperability, protect intellectual property, enable digital record keeping, and maintain a modular, open architecture;
- (5) a feasibility assessment, including the benefits and costs for a single access point and user account for accessing all XR training content; and
- (6) policy recommendations to facilitate broader inclusion of commercial technologies and small businesses.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. CARBAJAL OF CALIFORNIA**

At the appropriate place in title XXVIII, insert the following:

1 **SEC. 28 \_\_\_\_ . ADDITIONAL REQUIREMENTS FOR DATABASE**  
2 **OF COMPLAINTS MADE REGARDING HOUSING**  
3 **UNITS OF DEPARTMENT OF DEFENSE.**

4 Section 2894a of title 10, United States Code, is  
5 amended—

6 (1) in subsection (a) by striking “regarding  
7 housing units” and inserting “by a tenant regarding  
8 covered dwelling units”;

9 (2) in subsections (c) and (d) by striking “hous-  
10 ing unit” each place it appears and inserting “cov-  
11 ered dwelling unit”; and

12 (3) by inserting after subsection (e) the fol-  
13 lowing new subsections:

14 “(f) ANNUAL REPORT.—

15 “(1) IN GENERAL.—The Deputy Assistant Sec-  
16 retary of Defense for Housing shall submit to the  
17 Committees on Armed Services of the House of Rep-  
18 resentatives and the Senate, and make available to  
19 each Secretary of a military department, an annual

1 report that includes, during the year covered by such  
2 report—

3 “(A) a summary of the data collected  
4 using the database established under subsection  
5 (a);

6 “(B) an aggregation of the complaints cat-  
7 egorized by type, in accordance with paragraph  
8 (2), and military installation, if applicable; and

9 “(C) the actions taken to remedy com-  
10 plaints received during the period covered by  
11 such report.

12 “(2) TYPE OF COMPLAINTS.—In categorizing  
13 complaints by type pursuant to paragraph (1)(B),  
14 the Secretary shall aggregate complaints based on  
15 the following categories:

16 “(A) Physiological hazards, including  
17 dampness and mold growth, lead-based paint,  
18 asbestos and manmade fibers, radiation,  
19 biocides, carbon monoxide, and volatile organic  
20 compounds.

21 “(B) Psychological hazards, including ease  
22 of access by unlawful intruders, faulty locks or  
23 alarms, and lighting issues.

24 “(C) Safety hazards.

25 “(D) Maintenance timeliness.

1                   “(E) Maintenance quality.

2                   “(g) DEFINITIONS.—In this section:

3                   “(1) The term ‘covered armed force’ means the  
4 Army, Navy, Marine Corps, Air Force, or Space  
5 Force.

6                   “(2) The term ‘covered dwelling unit’ means a  
7 unit of accompanied family housing, unaccompanied  
8 housing, or barracks—

9                   “(A) in which a member of a covered  
10 armed force resides; and

11                   “(B) that such member does not own.

12                   “(3) The term ‘tenant’ means any of the fol-  
13 lowing:

14                   “(A) A member of a covered armed force  
15 who resides in a covered dwelling unit.

16                   “(B) A dependent of a member described  
17 in subparagraph (A) who resides in a covered  
18 dwelling unit.”.





## **Amendment to H.R. 8070**

### **Offered by: Ms. Strickland of Washington**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Stormwater Mitigation Technologies**

The committee is concerned about the efficacy of stormwater runoff mitigation technologies. Toxic chemicals from runoff from highways, training exercises, and military installations entering the ecosystems have potentially catastrophic effects on aquatic ecosystems. The committee understands that the tire-based chemical 6PPD-quinone runs off into streams when it rains and kills coho salmon in large numbers. The committee is encouraged by several promising technologies in stormwater mitigation and research into chemical alternatives to 6PPD-quinone.

Therefore, the committee directs the Executive Director of the Strategic Environmental Research and Development Program and the Environmental Security Technology Certification Program to provide a briefing, not later than December 31, 2024, to the House Committee on Armed Services on efforts to study stormwater runoff mitigation technologies, including:

- (1) biofiltration and bioretention;
- (2) how technology can adapt to urban environments with limited space;
- (3) include techniques that can be used when retrofitting existing stormwater capture systems on military installations;
- (4) an assessment of the Department of Defense's approach to stormwater; and mitigation and the projected cost of implementing new stormwater mitigation technologies.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. LALOTA OF NEW YORK**

At the appropriate place in title VII, insert the following:

1 **SEC. 7\_\_\_ . EXPANSION OF WOUNDED WARRIOR SERVICE**  
2 **DOG PROGRAM.**

3 Section 745 of the William M. (Mac) Thornberry Na-  
4 tional Defense Authorization Act for Fiscal Year 2021 (10  
5 U.S.C. 1071 note) is amended—

6 (1) by redesignating subsection (b) as sub-  
7 section (c); and

8 (2) by inserting after subsection (a) the fol-  
9 lowing new subsection:

10 “(b) GRANT AUTHORITY.—

11 “(1) IN GENERAL.—In carrying out the Wound-  
12 ed Warrior Service Dog Program, the Secretary of  
13 Defense shall award grants on a competitive basis  
14 directly to eligible entities in accordance with this  
15 subsection.

16 “(2) ELIGIBLE ENTITIES.—To be eligible to re-  
17 ceive a grant under this subsection, an entity shall  
18 be a nonprofit organization, the primary function of

1 which is raising, training, and furnishing assistance  
2 dogs.

3 “(3) APPLICATIONS.—An eligible entity desiring  
4 a grant under this subsection shall submit to the  
5 Secretary of Defense an application at such time, in  
6 such manner, and containing such information and  
7 assurances as such Secretary determines appro-  
8 priate.

9 “(4) CONSIDERATION FOR GRANT AMOUNT.—In  
10 determining the amount of a grant awarded under  
11 this subsection, such Secretary shall consider—

12 “(A) the merits of the application sub-  
13 mitted pursuant to paragraph (3);

14 “(B) whether, and to what extent, there is  
15 demand by covered members or covered vet-  
16 erans for assistance dogs provided by the eligi-  
17 ble entity desiring such grant; and

18 “(C) the capacity and capability of such el-  
19 igible entity to raise and train assistance dogs  
20 to meet such demand.

21 “(5) USE OF FUNDS.—An eligible entity award-  
22 ed a grant under this subsection shall use such  
23 grant to plan, design, establish, or operate a pro-  
24 gram to furnish assistance dogs to covered members  
25 and covered veterans, or any combination thereof.

1           “(6) LIMITATION ON GRANT AMOUNT.—The  
2           amount of a grant awarded under this subsection  
3           may not exceed \$2,000,000.”.



**Amendment to H.R. 8070**  
**National Defense Authorization Act for Fiscal Year 2025**  
**Offered by: Mr. Waltz**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

**Battery Safety Prototyping in Army Ground Vehicles**

The committee recognizes that the U.S. Army is actively transitioning to battery-powered vehicles. While the committee applauds efforts at the Combat Capabilities Development Command Ground Vehicle Systems Center and other organizations within the Army to improve battery performance, the committee is concerned that insufficient attention is being paid to integrating innovative battery safety solutions to protect warfighters from increased fire and explosion risks related to these systems, particularly upon kinetic impact. The committee notes that the commercial industry has developed electrolyte additive nanotechnology to minimize fire and explosion hazards associated with kinetic impact on lithium-ion batteries. Further development of this technology could improve soldier safety and help the United States eliminate dependence on China for battery technologies. The committee recommends that the Army Ground Vehicle Systems Center integrate electrolyte additives for improved safety from kinetic impacts into their research and development efforts, beginning with a prototyping project.

Therefore, the committee directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services not later than December 1, 2024, on the Army's plan to engage in prototyping efforts and other research and development activities to integrate electrolyte safety additive nanotechnology into battery-electric ground vehicle systems. Specifically, the briefing shall highlight:

- (1) ongoing Department of Defense efforts to integrate battery electrolyte safety additive nanotechnology into battery-powered ground vehicle systems;
- (2) a list of organizations within the Army best fit to engage in prototyping programs to integrate battery electrolyte safety additive nanotechnology into battery-powered ground vehicle systems; and
- (3) the most viable domestic companies to partner with on a prototyping effort with the Army Combat Capabilities Development Command Ground Vehicle Systems Center to integrate battery electrolyte safety additive nanotechnology into battery-powered ground vehicle systems.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MRS. KIGGANS OF VIRGINIA**

In [section 2805 (Log 80547)]—

(1) in the matter proposed to be inserted as—

(A) paragraph (3) of subsection (a) of section 2815a of title 10, United States Code, insert “and filtration, flood mitigation” after “water storage”; and

(B) paragraph (1) of subsection (c) of such title, insert “or tidal systems” before the semicolon;

(2) in subparagraph (A) of paragraph (4), strike “; and” and insert a semicolon; and

(3) add after subparagraph (A) of paragraph (4) the following new subparagraph (B) (and redesignate accordingly):

1 (B) by inserting “, retention, and filtra-  
2 tion” after “water-slowng”; and



**Amendment to H.R. 8070**  
**National Defense Authorization Act for Fiscal Year 2025**

**Offered by: Mr. Jackson of Texas**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

Naval Air Station Corpus Christi Infrastructure Improvement Plan

The committee recognizes the importance of naval aviation and is alarmed at the number of poor and failing facilities that the Department of the Navy identified in its November 9, 2023, report to Congress, particularly at Naval Air Station Corpus Christi. Therefore, the committee directs the Chief of Naval Operations to provide a briefing to the House Committee on Armed Services not later than March 1, 2025, on the plan for improving the infrastructure and facilities at Naval Air Station Corpus Christi. This briefing shall include:

- (1) a detailed cost analysis for building, remodeling, and restoring unaccompanied housing, family housing, child development centers, youth recreational facilities, and quality of life projects at the installation;
- (2) a review of current infrastructure at the installation and the needs to be repaired or replaced, including, but not limited to, heating, ventilation, air conditioning, water, and electrical systems; and
- (3) an identification of any relevant authorities or funding that might be required to adequately improve the quality of life for service members at Naval Air Station Corpus Christi.

## **Amendment to H.R. 8070**

**Offered by: Mr. Wittman**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Dry Decontamination Capabilities to Support Arctic Strategy**

The committee is concerned about the ability of the Department of Defense to effectively secure and potentially decontaminate servicemembers and equipment from chemical, biological, and radiological particulates in an arctic or cold-weather environment. The committee notes that products for dry and water-less decontamination solutions have been tested and are commercially available. The committee believes the Department should explore these available options and, if viable, incorporate these capabilities, procedures, and tactics into current requirements and fielding plans for operations in the arctic.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than December 15, 2024, on the Department's strategy and plans for developing dry or water-less decontamination requirements and fielding capabilities into the force.



## **Amendment to H.R. 8070**

### **National Defense Authorization Act for Fiscal Year 2025**

#### **Offered by: Mr. Wittman**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Army Data Platform 2.0**

The committee understands the Army is pursuing Army Data Platform 2.0, evolving on the success of the Army Vantage program. The committee recognizes the Army's proposed multi-vendor approach, which can increase the pace of innovation and adoption of new technology for the warfighter and the Army workforce. However, the committee is concerned that the development of Army Data Platform 2.0 will not leverage existing Army Vantage Program capabilities, and this may delay the deployment of mission critical capabilities.

The committee directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services not later than December 1, 2024, on how the Army intends to ensure Army Data Platform 2.0 leverages existing capabilities of Army Vantage to ensure there is no gap in capability during the transition. This briefing should, at minimum, include the following:

(1) future goals and plans for Army Data Platform 2.0, to include how the Army plans to: maximize the use of commercially available solutions under the multi-vendor approach; leverage and build upon existing fielded capabilities; and accelerate the adoption of advanced AI tools and models under Army Data Platform 2.0;

(2) how the Army is tracking progress for Army Data Platform 2.0, to include metrics and milestones for deliverables; and

(3) an update on the current state of the Army Vantage Program, to include: plans for a bridge capability that continues delivering new mission value and innovations as the Army Data Platform 2.0 comes online, if needed; and a thorough analysis of the funding and resource requirements to ensure continued operation of the Army Vantage program until the Army Data Platform 2.0 comes online.

## **Amendment to H.R. 8070**

### **National Defense Authorization Act for Fiscal Year 2025**

#### **Offered by: Mr. Wittman**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

##### Trusted Workforce Solutions for Clearance Process

The committee remains concerned with the persistent backlog in security clearances processing for Department of Defense employees and contractors as the Department continues to implement the Trusted Workforce 2.0 initiative. The committee believes that cumbersome and complex background investigations, adjudications, and continuous vetting processes have contributed to delays in the issuance and maintenance of security clearances. While the committee fully supports robust, thorough vetting, the committee believes there are efficiencies that could be realized in the process.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services, not later than December 1, 2024, on:

- (1) a review of business processes for intake, investigation, and adjudication of applications for personnel security;
- (2) a review of data sharing and system integration between security, human resource, and procurement offices;
- (3) a review of challenges associated with the implementation of the Trusted Workforce 2.0 program;
- (4) an examination of resource allocation needs, including workforce modeling to address workloads;
- (5) an assessment of personnel training requirements needed to accomplish mission needs;
- (6) an assessment of current technology utilized, along with identifying and recommending improvements for business processes across agencies such as workflow automation based on case complexity and robotic process automation to eliminate manual tasks; and
- (7) recommendations for improving these processes and an estimate of the resources and timelines associated with implementing the improvement recommendations.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Bergman**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Flightline Support Equipment Connectivity**

The committee notes that a majority of flightline equipment does not maintain connectivity to other systems. The committee is concerned that this lack of connectivity will limit the Air Force's ability to implement the next generation of doctrine and capabilities, such as Agile Combat Employment and Flightline of the Future. Therefore, the committee encourages the Air Force to further explore systems that can enable flightline connectivity to provide asset tracking and management, as well as predictive maintenance through rapid diagnostic and recovery.

The committee understands that there are some efforts underway to enhance system connectivity. However, the committee is concerned that few of these efforts are focused on flightline support equipment such as generators, light carts, and support vehicles. Additionally, the committee is concerned that many of the systems available for such purposes are tailored for commercial operations rather than military operations. The committee is concerned that the large-scale applicability of such systems may be limited due to cybersecurity issues, spectrum interference, and dependency on commercial infrastructure that may not be available in austere locations or when needed in combat, or that may be under the control of a foreign government or entity.

Therefore, the committee directs the Secretary of the Air Force to provide a briefing to the House Committee on Armed Services by March 30, 2025, on flightline support equipment connectivity. This briefing shall include, at a minimum:

- (1) an assessment of current tracking and monitoring capabilities for flightline support equipment such as generators, lighting systems, and cargo vehicles;
- (2) challenges associated with utilizing commercial-off-the-shelf systems for these applications, particularly the implications for operational security, spectrum interference, and dependency on domestic or foreign infrastructure that may not be available in austere locations or in combat zones; and
- (3) any current or planned efforts to pursue military band radio systems to wirelessly monitor and track flightline assets.

## **Amendment to H.R. 8070**

**Offered by: Mr. Keating**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Formerly Used Defense Site – Tom Nevers Naval Base**

The committee notes the Department's continued efforts and success regarding the clean-up of contaminated formerly used defense sites. The committee also recognizes the recent coastal erosion of Tom Nevers beach, formerly Tom Nevers Naval Base, which has uncovered previously buried infrastructure. Moreover, coastal communities continue to experience increased erosion due to rising water levels and changing weather patterns, which has left structures and shorelines once owned by the Department significantly exposed. Therefore, the committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment to provide a briefing to the House Committee on Armed Services not later than February 1, 2025, on the remediation of the formerly used defense site at Tom Nevers Naval Station. This briefing should include the following information:

- (1) the assessment and inspection of Tom-Nevers Naval Base regarding erosion of the former defense site and its infrastructure;
- (2) recommended remediation actions for the site; and
- (3) a timeline with identified milestones to complete the clean-up of the site, to include planned community contact touch points.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Kelly**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Navy Small Arms Synthetic Training Improvements**

The committee is concerned that, despite previous National Defense Authorization Act directives, many Navy Active Duty and Reserve Component commands continue to utilize costly, multi-year maintenance, and sole-source replacement of obsolete firearms simulation training systems, often referred to as FATS. These legacy systems frequently experience downtime, entail costly service contracts, and fail to meet the advanced small arms readiness proficiency, data capture, analysis, and lethality required by today's warfighters.

The committee is encouraged by the transition of some Navy and Marine Corps commands to modern, advanced synthetic small arms training systems, such as those used by the Navy Expeditionary Combat Command and the Marine Corps' new Advanced Small Arms Lethality Trainer program. These systems incorporate human performance optimization, biometrics, and robust warfighter data collection and analysis, which validate improvements in live-fire transfer, decision-making, weapon competency, and lethality — enhancing warfighter readiness. The integration of data collection and analysis allows commands to identify trends, deficiencies, and successes in a sailor's cognitive agility, decision-making, fatigue, and stress management, leading to improved training outcomes in today's complex operating environment. Additionally, the committee notes that software-based synthetic small arms training systems provide mobile training solutions that can be deployed to meet point-of-need training requirements and continuously optimized to address new threat dynamics without costly hardware replacements.

Therefore, the committee directs the Secretary of the Navy to provide a briefing to the House Committee on Armed Services not later than January 1, 2025, on the Navy's plan to prioritize the replacement of legacy small arms simulation systems with advanced human performance-based small arms synthetic training systems capable of meeting the above stated readiness objectives. The briefing shall also include, but not be limited to, the following:

(1) the Navy's strategy for utilizing data-driven determinations for small arms training and readiness resourcing across the planning, programming, budget, and execution process;

(2) the potential benefits of integrating small arms human performance and lethality training data into Navy training analysis systems, such as the Navy's Surface Training and Readiness Management System; and

(3) opportunities for Navy and Marine Corps personnel to access human performance and small arms synthetic training systems at point-of-need locations, including: forward-bases, shipboard, and shoreside duty locations.

## Amendment to H.R. 8070

**Offered by: Mr. Turner**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Report on Increasing Small and Micro Nuclear Reactors in Operational and Installation Energy Consumption**

The committee is concerned that the Department of Defense is not utilizing the full extent of its authorities to expedite the energy transition needed to meet goals set forth in section 2920 of title 10 United States Code, Energy Resilience and Energy Security Measures on Military Installations. This is of particular concern with respect to small and micro nuclear reactors and their applications for installation energy and operations in austere environments. The committee acknowledges the Department of the Air Force's microreactor pilot program at Eielson Air Force Base; however, given the benefits nuclear energy offers for installation energy resilience and security, the committee believes that the Department of Defense is not doing enough to utilize small and micro nuclear reactors as a reliable, clean source of energy.

The committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment, to provide a report to the House Committee on Armed Services, not later than February 1, 2025, that outlines its plans to increase the use of nuclear power with small and micro nuclear reactors in the Department of Defense's installation and operational energy consumption. The report should include:

- (1) ongoing efforts to procure nuclear power for installation and operational energy, specifically from small and micro nuclear reactors;
- (2) future plans to procure nuclear power for installation and operational energy, specifically from small and micro nuclear reactors;
- (3) existing authorities and resources under consideration to expedite the procurement of nuclear power for operational and installation energy;
- (4) additional authorities and resources needed to expedite the procurement of nuclear power for operational and installation energy;
- (5) an explanation of how nuclear power fits into the Department of Defense's plan to meet FY2030 energy resilience and carbon pollution-free energy goals;
- (6) the expected number of reactors the department would utilize;

(7) the cost of deploying microreactors, the benefits of utilizing this technology, and any risks associated with the deployment of microreactors to austere environments.



## Amendment to H.R. 8070

### Offered by: Mr. Kelly

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### Ensuring Proper Equipment Storage

The committee recognizes that proper equipment storage is a fundamental aspect of Army operations, which significantly impacts mission success, maintenance costs, and the overall readiness of military units. Based on the findings from the DoD Inspector General's report from October 2023, the committee is concerned about the substantial costs and degraded readiness resulting from improperly stored equipment, particularly when such equipment is not readily available due to storage issues. Additionally, the committee is concerned that while the Army owns the equipment, it is not the responsible entity in charge of storing the equipment, leading to a lack of oversight and involvement in properly storing assets. The committee is aware of advancements in storage technology, such as controlled humidity preservation systems that prevent corrosion and degradation of military assets. This technology includes encrypted remote system monitoring and reporting, along with protective covers for items that cannot be protected by humidity control. Therefore, the committee directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services by March 15, 2025. The briefing shall include the following:

- (1) the Army's plans to mitigate future impacts on equipment;
- (2) a corrective action report on how the Army plans to enhance oversight on Army equipment, including the modernization of controlled humidity preservation systems;
- (3) recommendations on monitoring the equipment;and
- (4) a detailed analysis on how to modernize storage capabilities to ensure the long-term preservation and readiness of Army assets.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Austin Scott of Georgia**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Preparing the Department of Defense for Simultaneous Combat Against Peer Competitors in Multiple Theaters**

The committee is aware of the challenges associated with engaging in combat against one or more near peer competitors in multiple theaters at the same time. The committee notes that some of the Department of Defense's limitations may result from statutory requirements and prohibitions.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than March 1, 2025, on recommendations for changes to current law that would aid the Department of Defense in confronting the challenges associated with simultaneous combat against one or more peer competitors in multiple theaters. At a minimum, the briefing shall include:

- (1) changes to existing law that would aid the the Department in preparing for, responding to, and executing simultaneous combat in multiple theaters; and,
- (2) recommendations for legislative action that would create efficiencies for meeting strategic objectives.

## **Amendment to H.R. 8070**

### **Offered by: Mrs. McClain**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

Currently Available Destruction and Disposal Methods for Aqueous Film Forming Foam (AFFF) and Other Material Containing Per- and Polyfluorinated Substances (PFAS)

The committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment to provide a briefing to the House Committee on Armed Services, not later than March 1, 2025, outlining currently available methods for the destruction or disposal of AFFF and other materials containing PFAS. The report shall include at a minimum the following:

(1) the capabilities for PFAS destruction of commercially available thermal treatment methods, such as hazardous and solid waste incineration, including the destruction efficiency that can be achieved with each method, conditions required to optimize destruction efficiency and the potential for further improvements in efficiency and capacity of current operating facilities to accept materials containing PFAS;

(2) the design and operating conditions required to minimize release of PFAS from the disposal of materials in hazardous and solid waste landfills; and

(3) the potential for new treatment methods to become commercially available within the next 5 years and the capabilities of those methods to destroy PFAS.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Panetta**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Report on Electronics Recycling on Qualified Military Bases**

The House Armed Services Committee is invested in recycling appropriate electronic waste from military installations to generate additional revenue for installation support while reducing the generation of waste. Therefore, the committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment to provide a report to the House Committee on Armed Services, not later than June 01, 2025, on the following:

- (1) a determination of what electronics may be appropriate for recycling purposes;
- (2) existing laws and standards, including export control and Department of Defense demilitarization policies, that may prohibit the recycling of appropriate electronics from military installations;
- (3) whether DODI 4715.23 should be updated, to include updating the Qualified Recycling Program excluded materials list and the Materials Disposition and Diversion Eligibility Guidance to enable the recycling of appropriate electronic devices; considerations for new and emerging technologies that have the potential to be recycled; and enabling flexible spending of revenue obtained through Qualified Recycling Programs for the purpose of supporting operations and maintenance of installations;
- (4) a cost estimate of potential revenue that could be generated from implementing electronic recycling standards across military installations in the continental United States; and
- (5) any other point the Assistant Secretary concerned determines useful.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Panetta**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Report on Enhanced Use Leases for Regenerative Agriculture on Military Installations**

The committee notes that enhanced use leases can be a beneficial tool by which the Department of Defense can lease non-excess real property for cash or in-kind consideration. The committee further notes that agricultural leases for farming or grazing are one of the ways that the Department has effectively used their lease authority. The committee is aware that regenerative agriculture may provide increased benefits for the installation and surrounding community including reduced soil erosion, improved soil quality, sequestered carbon, and reduced flood risk due to the improved water holding capacity of the soil. The committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment to provide a report to the House Committee on Armed Services not later than March 1, 2025, on the potential benefits of enhanced use leases for regenerative agriculture on the resilience of its installations. The report shall include at a minimum the following:

- (1) an assessment of how enhanced use leases requiring regenerative agricultural practices could improve installation resiliency;
- (2) the potential for cost savings for the Department of Defense of using regenerative agriculture; and
- (3) any statutory or policy barriers to promoting regenerative agricultural practices as a lease term in the execution of enhanced use leases at military installations.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Luttrell of Texas**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### Substances Critical to National Security

The committee recognizes the important role critical chemistries play in the defense industrial base and the need to maintain a domestic supply of chemicals for products and uses essential for national security. The committee directs the Secretary of Defense, in coordination with the Chemical and Material Risk Management Program of the Department of Defense, to submit a briefing to the House Committee on Armed Services not later than January 31, 2025 outlining uses of chemical substances undergoing risk evaluation by the Environmental Protection Agency under the Toxic Substances Control Act, that are critical to the national security of the United States. The report should include the following:

- (1) the sectors outlined in the February 2022 report of the Department of Defense titled “Securing Defense-Critical Supply Chains,” and
- (2) sectors of strategic importance for domestic production and investment to build supply chain resilience, including kinetic capabilities, energy storage and batteries, and microelectronics and semiconductors.

## **Amendment to H.R. 8070**

**Offered by: Mr. Lamborn**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **PFAS Remediation and Destruction**

The committee recognizes the harmful impact of per- and polyfluoroalkyl substances (PFAS), which includes perfluorooctane sulfonic acid and perfluorooctanoic acid, on drinking water systems on or around military installations. The committee further recognizes the military services have invested in remediation systems that do not eliminate PFAS molecules in highly contaminated locations, resulting in environmental recontamination.

Therefore, the committee encourages the military services to use proven, multi-compound decontamination methods that incorporate broad-spectrum destruction technologies that destroy PFAS to become inorganic fluoride to a level above 93% and decrease the PFAS contamination levels to either non-detectable levels or exceed current regulation with the most complete destruction possible, including of short chain PFAS compounds using EPA certified testing methods.

Accordingly, the committee directs the Under Secretary of Defense for Acquisition and Sustainment, in coordination with the military departments, to submit a briefing to the House Committee on Armed Services not later than March 31, 2025, on locations where there is known contamination of a drinking water system attributable to the Department of Defense and the decontamination methods used to destroy PFAS at these locations. The report shall include:

- (1) name and location of installation;
- (2) a brief description of the scope of the contamination;
- (3) the method used in decontamination processes;
- (4) the testing method used to assess the level of PFAS destruction; and
- (5) timeline and cost data for decontamination efforts at the reported installations.

## **Amendment to H.R. 8070**

### **Offered by: Mr. Khanna of California**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### **Study on Indoor Vertical Farming on Military Installations**

The committee is aware that advancements in indoor farming techniques and technologies could be utilized on current and formerly used military installations to support military installations and surrounding communities. Therefore, the committee directs the Secretary of Defense, to submit a report to the House Committee on Armed Services not later than June 1, 2025, on the feasibility and potential benefits of entering into cooperative agreements with indoor vertical farming companies or organizations to operate indoor farms on active military installations and installations closed by the Defense Base Closure and Realignment Act of 1990. The report should include the following elements:

(1) the suitability of various military installations for co-locating indoor vertical farming operations, considering factors such as available land, infrastructure, water, energy, and security requirements;

(2) the potential benefits of integrating indoor vertical farming operations into military food supply chains and co-locating indoor vertical farming operations with military installations;

(3) an assessment of secondary benefits, including the reuse of water and waste heat, and environmental remediation that would assist the Secretary with existing priorities;

(4) the legal, regulatory, and contractual considerations associated with entering into cooperative agreements with indoor vertical farming companies, including any potential impacts on existing military land use agreements;

(5) the potential impacts of indoor vertical farming initiatives on local communities, including job creation, economic development, and partnerships with the Department of Defense, including the Defense Advanced Research Projects Agency;

(6) the potential research and development advancements and benefits to be realized by the Department of Defense and other Federal agencies in entering into cooperative agreements with indoor vertical farming companies; and



(7) any other factors the Secretary of Defense considers relevant to the feasibility and efficacy of establishing indoor vertical farms on military installations.

## **Amendment to H.R. 8070**

**Offered by: Mr. Alford**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Logistical Requirements to Deliver F-16 Block 70/72 Fighter Aircraft to Taiwan**

The committee is concerned about delays in F-16 Block 70/72 Fighter Aircraft Foreign Military Sales deliveries to Taiwan. Originally intended to be delivered in 2025/2026 the 66 F-16 Block 70/72 Fighter Aircraft are now expected to be delivered in 2026/2027. On top of these delays, the logistical requirements to ensure these deliveries occur are complex. Therefore, the committee directs the Commander, U.S. Transportation Command, in coordination with the Defense Security Cooperation Agency, to provide a briefing to the House Committee on Armed Services not later than December 1, 2025, on the logistical and tactical plan to deliver these fighter aircraft to Taiwan. The briefing should cover:

(1) the plan for in-flight refueling of the F-16 Block 70/72 Fighter Aircraft en route to Taiwan, including the number and type of refueling tankers required and the number of times the F-16 Block 70/72 Fighter Aircraft will need to be refueled while in flight; and

(2) any variables that could further delay delivery of the aircraft to Taiwan including new technology integration and modification.

## **Amendment to H.R. 8070**

**Offered by: Mr. Lamborn**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Modernization of the Shipyard Industrial Plant Equipment and Processes**

The committee recognizes the need for further investment to modernize shipyard industrial plant equipment and process. The committee further recognizes the mining equipment industry may possess crossover expertise with the potential to design and provide advanced processes, techniques, and equipment within the naval ship construction and maintenance enterprise. Therefore, the committee directs the Secretary of the Navy to provide a briefing to the House Committee on Armed Services not later than March 1, 2025, on areas in which the naval ship construction and maintenance enterprise can leverage the mining equipment industry's expertise to increase efficiency and reduce costs of existing industrial processes. The briefing shall evaluate, at a minimum:

- (1) Corrosion-resistant, lightweight, and high-strength materials used in the mining industry that could be adapted for naval ship construction and maintenance;
- (2) Autonomous and semi-autonomous robotic systems used in mining that could be utilized for welding and repair operations; and
- (3) Feasibility of integrating advanced mining technologies into the naval shipyard enterprise.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MR. KEATING OF MASSACHUSETTS**

At the appropriate place in title VIII, insert the following:

1 **SEC. 8 \_\_\_\_ . LIMITATION ON AVAILABILITY OF FUNDS FOR**  
2 **CHILLER CLASS PROJECTS OF THE DEPART-**  
3 **MENT OF THE AIR FORCE.**

4 (a) **LIMITATION.**—None of the funds authorized to  
5 be appropriated by this Act or otherwise made available  
6 for fiscal year 2025 for the Air Force may be obligated  
7 or expended to acquire goods or services under a non-com-  
8 petitive justification and approval for the purposes of  
9 standardizing the heating, ventilation, and air condi-  
10 tioning chillers at installations of the Air Force until the  
11 date on which the Secretary of Defense submits to the  
12 congressional defense committees the certification de-  
13 scribed in subsection (b).

14 (b) **CERTIFICATION DESCRIBED.**—The certification  
15 described in this subsection is a certification that—

16 (1) the Secretary of Defense has developed a  
17 methodology to compare the cost of initially acquir-  
18 ing the heating, ventilation, and air conditioning  
19 chillers and equipment supporting such chillers for

1 the purposes described in subsection (a) under a  
2 non-competitive justification and approval to the  
3 cost of initially acquiring such chillers and equip-  
4 ment for such purposes using competitive proce-  
5 dures;

6 (2) the Secretary of Defense has established  
7 metrics to measure the effects of standardizing the  
8 heating, ventilation, and air conditioning chillers at  
9 installations of the Air Force, including the costs of  
10 training technicians, any savings resulting from the  
11 ability of employees of the Government to repair  
12 such chillers, the cost of initially acquiring chillers  
13 and equipment supporting such chillers for such pur-  
14 pose, and the life cycle costs of such chillers; and

15 (3) the Secretary of Defense has collected data  
16 demonstrating that the use of procedures other than  
17 competitive procedures to acquire chillers for the  
18 purposes of standardizing the heating, ventilation,  
19 and air conditioning chillers at installations of the  
20 Air Force has resulted in lower life cycle costs com-  
21 pared to using competitive procedures for such ac-  
22 quisitions.

23 (c) DEFINITIONS.—In this section—

1           (1) the term “competitive procedures” has the  
2 meaning given such term in section 3012 of title 10,  
3 United States Code;

4           (2) the term “non-competitive justification and  
5 approval” means the justification and approval re-  
6 quired by section 3204(e)(1) of title 10, United  
7 States Code, for the use of procedures other than  
8 competitive procedures to award a contract;



**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. STEFANIK OF NEW YORK**

At the appropriate place in title I, insert the following new section:

**1 SEC. 1\_\_\_ . CONSOLIDATION OF AUTHORITIES RELATING**  
**2 TO AIR FORCE LANDING GEAR.**

**3 (a) IN GENERAL.**—The Secretary of the Air Force  
**4 shall transfer to the Air Force Sustainment Center supply**  
**5 chain management, item management, and delegated engi-**  
**6 neering authorities for landing gear systems of F–15EX,**  
**7 F–22, F–35, and T–7A aircraft.**

**8 (b) IMPLEMENTATION PLAN.**—Not later than 120  
**9 days after the date of the enactment of this Act, the Sec-**  
**10 retary of the Air Force shall develop and initiate an imple-**  
**11 mentation plan for the transfers required under subsection**  
**12 (a).**

**13 (c) REPORT.**—Not later than 30 days after com-  
**14 pleting the development of the implementation plan re-**  
**15 quired under subsection (b), the Secretary of the Air**  
**16 Force shall submit to the Committees on Armed Services**  
**17 of the House of Representatives and the Senate a report**  
**18 that includes a description of—**

- 1           (1) the planned milestones for execution of the
- 2           implementation plan;
- 3           (2) any data, staff, and funding needed to ef-
- 4           fectively carry out such plan; and
- 5           (3) the progress of the Secretary in meeting
- 6           such milestones as of the date of the report.





## **Amendment to H.R. 8070**

**Offered by: Mr. Moylan**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### Briefing on Department of the Air Force Contracting for Architectural and Engineering Services

The Committee believes that procurement of architectural and engineering services has the potential to support small businesses. To better understand how the Department of the Air Force currently contracts for architectural and engineering services to support military construction, the Committee directs the Secretary of the Air Force to provide a briefing to the House Committee on Armed Services not later than March 1, 2025. The briefing should include information on Department of the Air Force policies related to contracting for military construction architectural and engineering services, and how these policies consider small business interests.

## Amendment to H.R. 8070

Offered by: Mr. Luttrell of Texas

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Polyfluoroalkyl Substance Detection and Remediation Research**

The committee is aware of the substantial burden that environmental cleanup and restoration related to per- and polyfluoroalkyl substances (PFAS) places on the Department of Defense (DoD) and is committed to increasing the DoD's ability to detect PFAS and remediate PFAS sites to protect the health of servicemembers, their families, the DoD civilian workforce, and their communities in which DoD serves. The committee supports the Army Engineer Research and Development Center's (ERDC) work in PFAS sensing, remediation, and replacement, but is concerned the Army's Research, Development, Test & Evaluation (RDT&E) efforts related to PFAS lack a coordinated approach.

Therefore, the committee directs the Secretary of the Army to provide a briefing not later than March 1, 2025, to the House Committee on Armed Services detailing ERDC's ongoing and planned research programs to detect and remediate PFAS. The briefing should include at minimum:

- (1) an assessment of existing PFAS research programs and the organizational structure of those programs;
- (2) an overview of collaborative efforts with academic research institutions and universities;
- (3) a plan to create a comprehensive PFAS research program that incorporates all of the Army's RDTE efforts related to PFAS detection and remediation; and
- 4) the timeline for the creation of the program and the cost to implement it.

**AMENDMENT TO H.R. 8070**  
**OFFERED BY MS. JACOBS OF CALIFORNIA**

At the appropriate place in title XXVIII, insert the following:

1 **SEC. \_\_\_\_ . LIMITATION ON AVAILABILITY OF FUNDS FOR**  
2 **CERTAIN DEPARTMENT OF DEFENSE TRAVEL**  
3 **UNTIL ESTABLISHMENT OF CERTAIN COM-**  
4 **PLAINT DATABASE.**

5       Of the funds authorized to be appropriated by this  
6 Act or otherwise made available for fiscal year 2025, and  
7 available for the Office of the Secretary of Defense for  
8 the travel of persons, not more than 90 percent may be  
9 obligated or expended until the date on which the Sec-  
10 retary of Defense implements the public complaint data-  
11 base for military housing under the jurisdiction of such  
12 Secretary required by section 2894a of title 10, United  
13 States Code.



## **Amendment to H.R. 8070**

**Offered by: Ms. McClellan**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

### **Army Training Information Systems Progress**

The committee is pleased to see the progress by the Army in implementing the Army Training Information Systems (ATIS). ATIS provides critical mission readiness by giving commanders, leaders, soldiers, civilians, and elements of the joint force, a centralized common operating picture (COP) of the training environment. While the committee supports flexibility in certain Department of Defense programs, it is critical that the Army continue to fund ATIS at consistent funding levels in order to ensure expedited implementation of the program. The committee directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services not later than April 30, 2025, detailing:

- (1) projected Future Years Defense Program (FYDP) benchmarks;
- (2) any impediments to meeting these goals; and
- (3) any delays to the funding levels that impact the future Army readiness objectives.

## Amendment to H.R. 8070

### Offered by: Ms. Jacobs from California

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### Effects of Cross-Border Pollution in the Tijuana River Valley and Pacific Ocean on Naval Operations

The committee notes the transboundary pollution flowing from Mexico into the United States is currently carrying untreated wastewater into San Diego County's shoreline and ocean. As a result, the water quality has been degraded in areas off the San Diego shoreline where Navy personnel regularly train. Additionally, recent data from the new monitoring station run by the San Diego Air Pollution Control District revealed that unhealthy levels of hydrogen sulfide and other gases contributing to poor air quality are present in communities near the Tijuana River Valley. The committee has been made aware the pollution is affecting the Navy's ability to maintain regular training operations and is concerned there may also be negative impacts to the health of servicemembers. Therefore, the committee directs the Secretary of Defense, in coordination with the Secretary of the Navy, to provide a report to the congressional defense committees not later than March 1, 2025, on the effects of the contamination in the San Diego region on Navy personnel and Naval operations, specifically the Naval Special Warfare Center. The report should include the following:

- (1) evidence of correlation between increased acute gastrointestinal illness or other health effects and exposure to contamination exceeding state levels;
- (2) impacts of contamination to Naval operations and readiness; and
- (3) data collecting methods for personnel subject to exposure.

## **Amendment to H.R. 8070**

**Offered by: Mr. Kelly**

In the portion of the report to accompany H.R. 8070 titled “Quality of Life Consideration in Selection of Construction Design and Methods”, strike the following text:

“Quality of Life Consideration in Selection of Construction Design and Methods

Service member quality of life is greatly impacted by the Government-owned buildings and facilities that they live and work in everyday. Whether in repairs, renovations, or new construction, the selection of construction standards and methods may have a positive impact. The committee seeks to better understand how the military services consider potential quality of life impacts in construction and renovation. Therefore, the committee directs the Secretary of Defense to provide a report to the congressional defense committees not later March 1, 2025, on quality of life considerations in selection of construction design and methods. The report should include:

- (1) information on how quality of life considerations inform selection of construction standards or methods; and
- (2) current, or planned, policy or guidance related to quality of life considerations in construction or renovation.”

and insert the following new text:

“Quality of Life Consideration in Selection of Construction Design, Methods, and Materials

Service member quality of life is greatly impacted by the Government-owned buildings and facilities that they live and work in every day. Whether in repairs, renovations, or new construction, the selection of standards, methods, and primary construction materials may have a positive impact. The committee seeks to better understand how the military services consider potential quality of life impacts in construction and renovation. Therefore, the committee directs the Secretary of each Military Department to provide a report to the congressional defense committees not later March 1, 2025, on quality of life considerations in selection of construction design, methods, and primary materials. The report should include:

- (1) information on how quality of life considerations inform selection of construction standards, methods and primary materials; and
- (2) current, or planned, policy or guidance related to quality of life considerations in construction or renovation.”

## **Amendment to H.R. 8070**

### **Offered by: Mr. Gooden of Texas**

In the appropriate place in the report to accompany H.R. 8070, insert the following new Directive Report Language:

#### Briefing on Quality of Life Standards at Al Udeid Air Base, Qatar

The committee believes that high quality of life standards for United States servicemembers at Al Udeid Air Base in Qatar supports the readiness of the United States Central Command and the United States Air Force Central Command. The committee also recognizes the significant investments made by the Government of the State of Qatar and the U.S. Air Force to construct and improve the facilities at Al Udeid Air Base. Therefore, the committee directs the Secretary of the Air Force to provide a briefing to the House Committee on Armed Services not later than March 1, 2025, on current quality of life standards and facility conditions at Al Udeid Air Base. The briefing shall include an update on improvements made to base facilities, unaccompanied housing, and services provided to servicemembers and their families including but not limited to education and childcare.